SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	TV	Bulletin No. :	98-CTV-E0002
Model :	CS7202TB	Bulletin Date :	JAN. 26, 1998
Buyer :	TAWIL	ECN Date :	JAN. 26, 1998

SUBJECT : SCT57A, Picture trambling after Aging.

Background : It can be occurred the Pictre trambling or No power after aging.
(Symptom)

Cause : It is caused by current charater of C416 in horizontal circuit.

Solution : In order to improve this problem.Repalce the C416 630v 223J Metal Polyester to 400V 223J Polypropliene.

Application Date : JAN . 1998.

(Interchangeability Code : * I.C)

Location No.	OLD (before) Parts		NEW (changed) Parts		*
	SEC Code	Description	SEC Code	Description	I.C
C416	2305-000-315	630V 223J MP	2303-000-186	400V 223J PP	D

Type	A type	B type	C type	D type	E type	F type
Interchange Type Code (* I.C)	OLD (Parts) NEW / Early (Prod.) Late	OLD (Parts) NEW / Early (Prod.) Late	OLD (Parts) NEW / Early (Prod.) Late	OLD (Parts) NEW / Early (Prod.) Late	Parts Addition (None ¡æ New)	Parts deletion (Old ¡æ Del.)

Application Reference ( ) Only Defected sets (O) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None (O) Others ( )

Product Month : NOV & DEC 1997 Serial No. (~ from)

Published by J.H.Lee Approved by Mr. Y.B.Ha

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	TV	Bulletin No. :	98-CTV-E0009
Model :	CS-761ANT	Bulletin Date :	Apr. 6, 1998
Buyer :	GCS	ECN Date :	Mar. 31, 1998

SUBJECT : SCT57A 01Lot, Countermeasure of 'No Vertical phenomenon' on screen

Background : No vertical phenomenon (horizontal center line) on screen
(Symptom)

Cause : It is failed to the vertical IC (TDA8350Q) caused by flowing the surge voltages to V1 & V2 part of DY. The philips vertical IC TDA8350Q can be occurred the failure intermittently.

Solution : The circuit has been changed as below and attached drawings:

Application Date : Mar. 31, 1998

(Interchangeability Code : * I.C)

Location No.	OLD (before) Parts		NEW (changed) Parts		*
	SEC Code	Description	SEC Code	Description	I.C
J306		Jumper	2701-000116	10uH AL05	D

Type	A type	B type	C type	D type	E type	F type
Interchange Type Code (* I.C)	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	Addition (None ¡æ New)	deletion (Old ¡æ Del.)

Application Reference ( ) Only Defected sets (O) Whole sets ( )

Attachment Schematic Diagram (O) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None ( ) Others ( )

Product Month : January 1997 Serial No. (~ from)

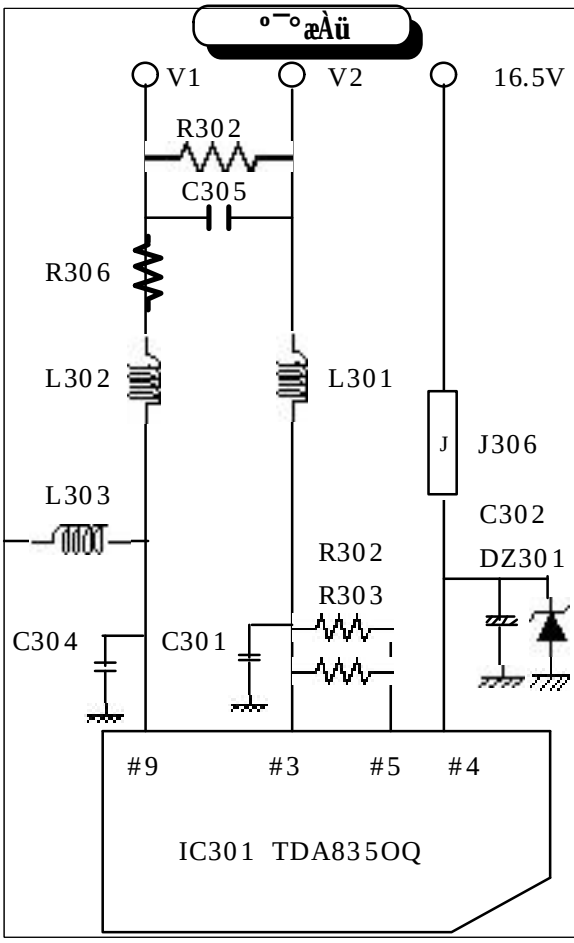
Published by S.K. Yang Approved by Mr. J.G. Lee

¡á *Additional Information*

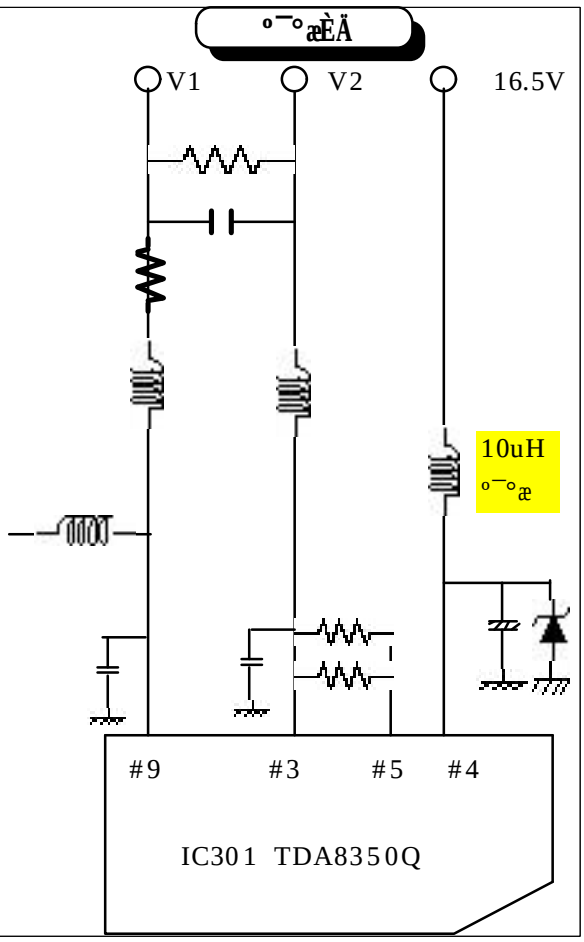
98-CTV-E0009

The Circuit Changes

< Before >



< After >



SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	TV	Bulletin No. :	98-CTV-E0010
Model :	CI6219	Bulletin Date :	Apr. 6, 1998
Buyer :	ECS, SEUK	ECN Date :	Mar. 31, 1998

SUBJECT : SCT57A 01Lot, Countermeasure of 'No Vertical phenomenon' on screen

Background : No vertical phenomenon (horizontal center line) on screen
(Symptom)

Cause : It is failed to the vertical IC (TDA3654) caused by flowing the surge voltages to V1 & V2 part of DY.
The philips vertical IC TDA3654 can be occurred the failure intermittently.

Solution : The circuit has been changed as below and attached drawings:

Application Date : Mar. 31, 1998

(Interchangeability Code : * I.C)

Location No.	OLD (before) Parts		NEW (changed) Parts		*
	SEC Code	Description	SEC Code	Description	I.C
Bottom PJ28		Between V1 and GND Jumper	2305-000407 2701-000116	100V 470nF 10uH AL05	E D

Type	A type	B type	C type	D type	E type	F type
Interchange Type Code (* I.C)	OLD (Parts) NEW → Early (Prod.) Late	OLD (Parts) NEW → Early (Prod.) Late	OLD (Parts) NEW → Early (Prod.) Late	OLD (Parts) NEW → Early (Prod.) Late	Addition (None ¡æ New)	deletion (Old ¡æ Del.)

Application	Reference ( )	Only Defected sets (O)	Whole sets ( )
Attachment	Schematic Diagram (O)	Component Lay-out ( )	Exploded View ( )
	Mechanical Diagram ( )	None ( )	Others ( )
Product Month :	1994	Serial No. (~ from)	
Published by S.K. Yang		Approved by Mr. J.G. Lee	

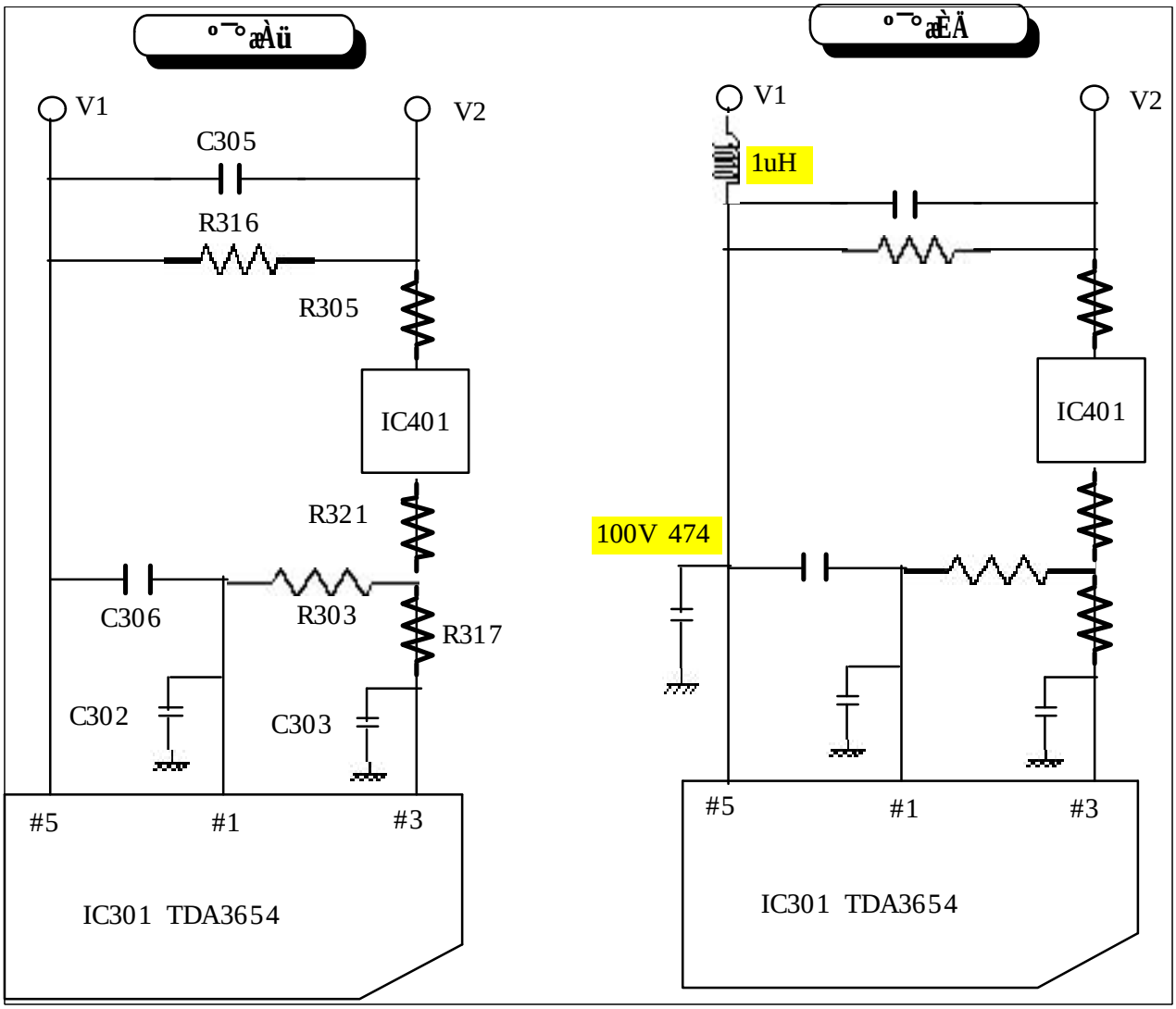
¡á *Additional Information*

98-CTV-E0010

The Circuit Changes

< Before >

< After >



SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	TV	Bulletin No. :	98-CTV-E0015
Model :	SCT57C chassis	Bulletin Date :	July 29, 1998
Buyer :	SIEL, UMG, SAPL, BWT, SAPL, TTSEC	ECN Date :	July 27, 1998

SUBJECT : SCT57C, countermeasure of 'Vertical IC' failure

Background :

(Symptom) It can be occurred the 'No Vertical' failure of SCT57C Chassis (30 inch Q-Model).
When our QA Lab. have tested the 'Coercion - Electric discharge of CRT' internally,
it is proved that the Vertical IC (TDA8350Q : Philips) can be failed.

Cause :

As a result of our simulation, the Vertical IC failure is caused by 'Coercion electric discharge
discharge' and 'Surge electricity'.
On the same condition, it is different the breaking voltages of each IC part.

Solution :

Apply the countermeasures as below drawings:

Application Date : Aug. 7, 1997

(Interchangeability Code : * I.C)

Location No.	OLD (before) Parts (M52777SPA)		NEW (changed) Parts (M52777SPB)		*
	SEC Code	Description	SEC Code	Description	I.C
C304	2301-000212	100V 224J	2305-000407	100V 474J	D
DZ305	-	-	0403-000699	Zener Diode TZP27B	E
IC301 #8 ¡ê GND	-	-	2305-000407	100V 474J (Soldering at bottom PCB)	E

Type	A type	B type	C type	D type	E type	F type
Interchange Type Code (* I.C)	OLD (Parts) → Early (Prod.) NEW → Late	OLD (Parts) → Early (Prod.) NEW → Late	OLD (Parts) → Early (Prod.) NEW → Late	OLD (Parts) → Early (Prod.) NEW → Late	Parts Addition (None ¡æ New)	Parts deletion (Old ¡æ Del.)

Application	Reference ( )	Only Defected sets (O)	Whole sets ( )
Attachment	Schematic Diagram ( )	Component Lay-out ( )	Exploded View ( )
	Mechanical Diagram ( )	None (O)	Others ( )
Product Month :	May 1998	Serial No. (~ from)	

Published by S.K. Yang / A. Manager of TV Div. Service (Tel. no. : 82-331-200-5189)

¡á Distribution List and Remarks

* Bulletin No: 98-CTV-E0015

No.	Subsidiary Distributor	Country	Applicable Models or Remark
1	SIEL	INDIA	
2	UMG	SAUDIARABIA	
3	SAPL	SINGAPORE	
4	BWT	CIS	
5	SAPL	SINGAPORE	
6	SAPL	BANGLADESH	
7	TTSEC	CHINA	
8	ASHOK	NEPAL	
9	CCS	CHINA	
10	TAWIL	LEBANON	
11			
12			
13			
14			
15			
16			
17			
18			
19			

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	TV	Bulletin No. :	98-CTV-E0016
Model :	CS-765 etc. (SCT57C Chassis)	Bulletin Date :	July 30, 1998
Buyer :	SIEL, UMG, SAPL, BWT, SAPL, TTSEC	ECN Date :	July 27, 1998

SUBJECT : SCT57C, countermeasure of 'H-out TR' failure

Background :

(Symptom) It can be occurred the 'Horizontal out Transistor' failure of SCT57C Chassis. intermittently. (30 inch Q-Model)
When our QA Lab. have tested the 'Temperature Drift (over Centigrade 70 degree) test' internally, it is proved that the Horizontal out TR can be failed.

Cause :

According to the temperature rising, the amount of circuit values will be increased at the 1/2 Pincushion -compensation Coil.
As a result of this, the 1/2 Pincushion - compensation Coil will be short so that the H-out TR can be failed intermittently.

Solution :

Apply the countermeasures as below drawings:

Application Date : July 24, 1997

(Interchangeability Code : * I.C)

Location No.	OLD (before) Parts (M52777SPA)		NEW (changed) Parts (M52777SPB)		*
	SEC Code	Description	SEC Code	Description	I.C
L401	AA27-40003J	COIL : 302-K (3mH)	AA27-40001K	COIL : 202-K (2mH)	D
L404	AA27-40001V	COIL : 601-K (600mH	AA27-40001F	COIL : 102-K (1mH)	D
R401	2001-001152	1/2T 47K-J	2001-001164	1/2T 56K-J	D

Type	A type	B type	C type	D type	E type	F type
Interchange Type Code (* I.C)	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	Parts Addition (None ¡æ New)	Parts deletion (Old ¡æ Del.)

Application	Reference ( )	Only Defected sets (O)	Whole sets ( )
Attachment	Schematic Diagram ( )	Component Lay-out ( )	Exploded View ( )
	Mechanical Diagram ( )	None (O)	Others ( )
Product Month :	May 1998	Serial No. (~ from)	

Published by S.K. Yang / A. Manager of TV Div. Service (Tel. no. : 82-331-200-5189)

¡á Distribution List and Remarks

* Bulletin No: 98-CTV-E0016

No.	Subsidiary Distributor	Country	Applicable Models or Remark
1	SIEL	INDIA	
2	UMG	SAUDIARABIA	
3	SAPL	SINGAPORE	
4	BWT	CIS	
5	SAPL	SINGAPORE	
6	SAPL	BANGLADESH	
7	TTSEC	CHINA	
8	ASHOK	NEPAL	
9	CCS	CHINA	
10	TAWIL	LEBANON	
11			
12			
13			
14			
15			
16			
17			
18			
19			

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	TV	Bulletin No. :	98-CTV-E0018
Model :	SCT57C chassis	Bulletin Date :	Aug. 22, 1998
Buyer :	SIEL, UMG, SAPL, BWT, SAPL, CCS	ECN Date :	Aug. 22, 1998

SUBJECT : SCT57C, countermeasure of 'Vertical IC' failure

Background :

(Symptom) It can be occurred the 'No Vertical' failure of SCT57C Chassis (30 inch Q-Model).
When our QA Lab. have tested the 'Coercion - Electric discharge of CRT' internally,
it is proved that the Vertical IC (TDA8350Q : Philips) can be failed.

Cause :

As a result of our simulation, the Vertical IC failure is caused by 'Coercion electric discharge' discharge' and 'Surge electricity'.
On the same condition, it is different the breaking voltages of each IC part.

Solution :

Apply the countermeasures as below drawings:

Application Date : Aug. 7, 1997

(Interchangeability Code : * I.C)

Location No.	OLD (before) Parts (M52777SPA) SEC Code	Description	NEW (changed) Parts (M52777SPB) SEC Code	Description	* I.C
C304	2301-000212	100V 224J	2305-000407	100V 474J	D
DZ305	-	-	0403-000699	Zener Diode TZP27B	E
C303	2401-002293	100V 68uF	2401-000903	100V 68uF	D
IC301 #8 ¡ê GND	-	-	2305-000407	100V 474J (Soldering at bottom PCB)	E

Type	A type	B type	C type	D type	E type	F type
Interchange Type Code (* I.C)	OLD (Parts) → NEW Early (Prod.) → Late	OLD (Parts) → NEW Early (Prod.) → Late	OLD (Parts) → NEW Early (Prod.) → Late	OLD (Parts) → NEW Early (Prod.) → Late	Parts Addition (None ¡æ New)	Parts deletion (Old ¡æ Del.)

Application	Reference ( )	Only Defected sets (O)	Whole sets ( )
Attachment	Schematic Diagram ( )	Component Lay-out ( )	Exploded View ( )
	Mechanical Diagram ( )	None (O)	Others ( )
Product Month :	May 1998	Serial No. (~ from)	

Published by S.K. Yang / A. Manager of TV Div. Service (Tel. no. : 82-331-200-5189)

¡á Distribution List and Remarks

* Bulletin No: 98-CTV-E0018

No.	Subsidiary Distributor	Country	Applicable Models or Remark
1	SIEL	INDIA	
2	UMG	SAUDIARABIA	
3	SAPL	SINGAPORE	
4	BWT	CIS	
5	SAPL	SINGAPORE	
6	SAPL	BANGLADESH	
7	TTSEC	CHINA	
8	ASHOK	NEPAL	
9	CCS	CHINA	
10	TAWIL	LEBANON	
11			
12			
13			
14			
15			
16			
17			
18			
19			

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	TV	Bulletin No. :	98-CTV-E0019
Model :	SCT57C chassis	Bulletin Date :	Aug. 28, 1998
Buyer :	SIEL, UMG, SAPL, BWT, SAPL, CCS	ECN Date :	Aug. 28, 1998

SUBJECT : SCT57C, countermeasure of 'Vertical IC' failure

Background :

(Symptom) It can be occurred the 'No Vertical failure' (Horizontal one line phenomenon) on SCT57C Chassis (30 inch Q-Model) intermittently.
When our QA Lab. have tested the 'Coercion - Electric discharge of CRT' internally, it is proved that the Vertical IC (TDA8350Q : Philips) can be failed.

Cause :

As a result of our simulation, the Vertical IC failure is caused by 'Coercion electric discharge' and 'Surge electricity'.
On the same condition, it is different the breaking voltages of each IC part.

Solution :

Apply the countermeasures as below drawings:

Application Date : Aug. 27, 1998

(Interchangeability Code : * I.C)

Location No.	OLD (before) Parts (M52777SPA)		NEW (changed) Parts (M52777SPB)		* I.C
	SEC Code	Description	SEC Code	Description	
F802	3601-000120	Fuse 125V 2.5A	3601-001086	125V 5A	D
C304	2301-000212	100V 224J	2305-000407	100V 474J	D
DZ305	-	-	0403-000699	Zener Diode TZP27B	E
C303	2401-002293	100V 68uF	2401-000903	160V 22uF	D
C301		100V 474J		100V 104J	D
IC301 #8 ¡ê GND	-	-	2305-000407	100V 474J (Soldering at bottom PCB)	E

Type	A type	B type	C type	D type	E type	F type
Interchange Type Code (* I.C)	OLD (Parts) NEW → Early (Prod.) Late	OLD (Parts) NEW → Early (Prod.) Late	OLD (Parts) NEW → Early (Prod.) Late	OLD (Parts) NEW → Early (Prod.) Late	Parts Addition (None ¡æ New)	Parts deletion (Old ¡æ Del.)

Application	Reference ( )	Only Defected sets (O)	Whole sets ( )
Attachment	Schematic Diagram ( )	Component Lay-out ( )	Exploded View ( )
	Mechanical Diagram ( )	None (O)	Others ( )
Product Month :	May 1998	Serial No. (~ from)	

Published by S.K. Yang / A. Manager of TV Div. Service (Tel. no. : 82-331-200-5189)

¡á Distribution List and Remarks

* Bulletin No: 98-CTV-E0019

No.	Subsidiary Distributor	Country	Applicable Models or Remark
1	SIEL	INDIA	
2	UMG	SAUDIARABIA	
3	SAPL	SINGAPORE	
4	BWT	CIS	
5	SAPL	SINGAPORE	
6	TTSEC	CHINA	
7	ASHOK	NEPAL	
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	TV	Bulletin No. :	98-CTV-E0020
Model :	SCT57C chassis (CS301, CS305, CS76	Bulletin Date :	Aug. 28, 1998
Buyer :	CCS(SEHK), TAWIL, SAPL	ECN Date :	Aug. 28, 1998

SUBJECT : SCT57C, countermeasure of 'Vertical IC' failure

Background :

(Symptom) It can be occurred the 'No Vertical failure' (Horizontal one line phenomenon) on SCT57C Chassis (30 inch Q-Model) intermittently.
When our QA Lab. have tested the 'Coercion - Electric discharge of CRT' internally, it is proved that the Vertical IC (TDA8350Q : Philips) can be failed.

Cause :

As a result of our simulation, the Vertical IC failure is caused by 'Coercion electric discharge' and 'Surge electricity'.
On the same condition, it is different the breaking voltages of each IC part.

Solution :

Apply the countermeasures as below drawings:

Application Date : Aug. 27, 1998

(Interchangeability Code : * I.C)

Location No.	OLD (before) Parts (M52777SPA) SEC Code	Description	NEW (changed) Parts (M52777SPB) SEC Code	Description	* I.C
DZ305	-	-	0403-000699	Zener Diode TZP27B	E
C301		100V 474J		100V 104J	D
IC301 #8 ¡ê GND	-	-	2305-000407	100V 474J (Soldering at bottom PCB)	E

Type	A type	B type	C type	D type	E type	F type
Interchange Type Code (* I.C)	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	Parts Addition (None ¡æ New)	Parts deletion (Old ¡æ Del.)

Application	Reference ( )	Only Defected sets (O)	Whole sets ( )
Attachment	Schematic Diagram ( )	Component Lay-out ( )	Exploded View ( )
	Mechanical Diagram ( )	None (O)	Others ( )
Product Month :	May 1998	Serial No. (~ from)	

Published by S.K. Yang / A. Manager of TV Div. Service (Tel. no. : 82-331-200-5189)

¡á Distribution List and Remarks

* Bulletin No: 98-CTV-E0020

No.	Subsidiary Distributor	Country	Applicable Models or Remark
1	CCS (SEHK)	CHINA	
2	TAWIL	LWBANON	
3	SAPL	SINGAPORE	
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	TV	Bulletin No. :	98-CTV-E0021
Model :	SCT57C chassis (CS301, CS305, CS76	Bulletin Date :	Sep. 4, 1998
Buyer :	Refer to Distribution List as attached	ECN Date :	Sep. 4, 1998

SUBJECT : SCT57C, countermeasure of 'Vertical IC' failure

Background :

(Symptom) It can be occurred the 'No Vertical failure' (Horizontal one line phenomenon) on SCT57C Chassis (30 inch Q-Model) intermittently.

Cause :

As a result of our simulation, the Vertical IC failure is caused by 'Coercion electric discharge' and 'Surge electricity'.

On the same condition, it is different the breaking voltages of each IC part.

Solution :

Apply the countermeasures as below drawings:

Application Date : Sep.4, 1998

(Interchangeability Code : * I.C)

Location No.	OLD (before) Parts		NEW (changed) Parts		* I.C
	SEC Code	Description	SEC Code	Description	
C304		224J 100V (P)	2305-000407	474J 100V	D
DZ305	-	-	0403-000699	Zener Diode TZP27B	E
C303		68uF / 100V	2401-000903	22uF 160V	D
IC301#8	-	-	2305-000407	474J 100V	E
¡êGND				(Soldering at bottom PCB)	
C301	2305-000407	474J 100V	2305-000149	104J 100V	D
J305	2701-000178	Jumper	2701-000178	33uH AL03	D
D301	0402-000132	Diode 1N4004	-	Delete	F
L304	3812-000219	Coil 1/4K 330-K (33uH)	2701-000178	Jumper Wire	D
D301(+)	-	-	2305-000407	100V 474J	E
¡ê R408				(Soldering at bottom PCB)	

Type	A type	B type	C type	D type	E type	F type
Interchange Type Code (* I.C)	OLD (Parts) NEW → Early (Prod.) Late	OLD (Parts) NEW → Early (Prod.) Late	OLD (Parts) NEW → Early (Prod.) Late	OLD (Parts) NEW → Early (Prod.) Late	Parts Addition (None ¡æ New)	Parts deletion (Old ¡æ Del.)

Application	Reference ( )	Only Defected sets (O)	Whole sets ( )
Attachment	Schematic Diagram (O)	Component Lay-out ( )	Exploded View ( )
	Mechanical Diagram ( )	None ( )	Others ( )
Product Month :	May 1998	Serial No. (~ from)	

Published by S.K. Yang / A. Manager of TV Div. Service (Tel. no. : 82-331-200-5189)

¡á Distribution List and Remarks

* Bulletin No: 98-CTV-E0021

No.	Subsidiary Distributor	Country	Applicable Models or Remark
1	CCS (SEHK)	CHINA	
2	TAWIL	LEBANON	
3	SAPL	SINGAPORE	
4	SIEL	INDIA	
5	UMG	Saudi Arabia	
6	BWT	CIS(Russia)	
7	SSA	South Africa	
8	S.Marina	Malaysia	
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	TV	Bulletin No. :	98-CTV-E0023
Model :	SCT57C chassis (CS301, CS305, CS76	Bulletin Date :	Sep. 25. 1998
Buyer :	Refer to Distribution List as attached	ECN Date :	Sep. 4. 1998

SUBJECT : SCT57C, countermeasure of 'Vertical IC' failure

Background :

(Symptom) It can be occurred the 'No Vertical failure' (Horizontal one line phenomenon) on SCT57C Chassis (30 inch Q-Model) intermittently.

Cause :

As a result of our simulation, the Vertical IC failure is caused by 'Coercion electric discharge' and 'Surge electricity'.
On the same condition, it is different the breaking voltages of each IC part.

Solution :

Apply the countermeasures as below drawings:

Application Date : Sep.4, 1998

(Interchangeability Code : * I.C)

Location No.	OLD (before) Parts		NEW (changed) Parts		* I.C
	SEC Code	Description	SEC Code	Description	
C304		224J 100V (P)	2305-000407	474J 100V	D
DZ305	-	-	0403-000734	Zener Diode TZP15B	E
C303		68uF / 100V	2401-000903	22uF 160V	D
IC301#8 ¡êGND	-	-	2305-000407	474J 100V (Soldering at bottom PCB)	E
C301	2305-000407	474J 100V	2305-000149	104J 100V	D
J305	2701-000178	Jumper	2701-000178	33uH AL03	D
D301	0402-000132	Diode 1N4004	-	Delete	F
L304	3812-000219	Coil 1/4K 330-K (33uH)	2701-000178	Jumper Wire	D
D301(+) ¡ê R408	-	-	0402-000132	Diode 1N4004 (Soldering at bottom PCB)	E

Type	A type	B type	C type	D type	E type	F type
Interchange Type Code (* I.C)	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	Parts Addition (None ¡æ New)	Parts deletion (Old ¡æ Del.)

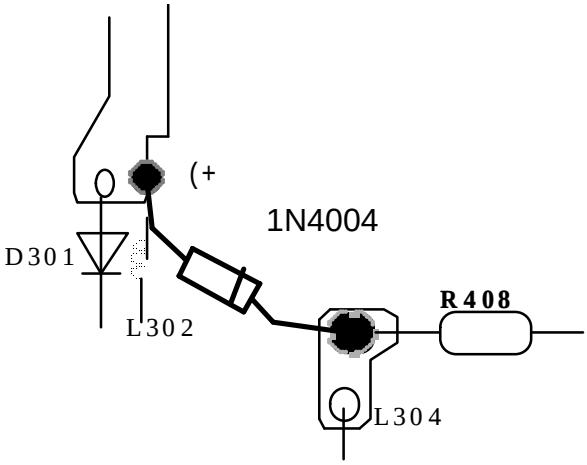
Application	Reference ( )	Only Defected sets (O)	Whole sets ( )
Attachment	Schematic Diagram (O)	Component Lay-out ( )	Exploded View ( )
	Mechanical Diagram ( )	None ( )	Others ( )
Product Month :	May 1998	Serial No. (~ from)	

Published by S.K. Yang / A. Manager of TV Div. Service (Tel. no. : 82-331-200-5189)

¡á Additional Information

* Bulletin No: 98-CTV-E0023

How to soldering '1N4004 Diode' at bottom PCB between D301(+) and R408.



¡á Distribution List and Remarks

* Bulletin No: 98-CTV-E0023

No.	Subsidiary Distributor	Country	Applicable Models or Remark
1	CCS (SEHK)	CHINA	
2	TAWIL	LEBANON	
3	SAPL	SINGAPORE	
4	SIEL	INDIA	
5	UMG	Saudi Arabia	
6	BWT	CIS(Russia)	
7	SSA	South Africa	
8	S.Marina	Malaysia	
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	TV	Bulletin No. :	98-CTV-E0026
Model :	CS-5099T1X /5399GT1X /3399ZIX	Bulletin Date :	Oct. 22, 1998
Buyer :	HACO (Iran)	ECN Date :	Oct. 22, 1998

SUBJECT : SCT57B, Service countermeasure of 'No Vertical phenomenon' on screen

Background :

(Symptom) No vertical phenomenon (horizontal center line) on screen

Cause :

It is failed to the vertical IC (TDA8356) caused by flowing the surge voltages to V1 & V2 part of DY intermittently.

Solution :

The circuit has been changed for service activity as below and attached drawings:

Application Date : Oct. 22, 1998

(Interchangeability Code : * I.C)

Location No.	OLD (before) Parts		NEW (changed) Parts		*
	SEC Code	Description	SEC Code	Description	I.C
J317	3812-000219	Jumper Wire	Delete	Delete	F
DZ304	0403-	Zener Diode MA2560	Delete	Delete	F
Soldering	Delete	Between IC#7 & DZ303	2305-000178	C-Poly 100V 103	E
at PCB	Delete	Between R305 & GND	0403-001039	Zener Diode MA2560	E
bottom	Delete	Between R408 & D410£-	3811-000401	Wire (300V) : 120mm	E

Type	A type	B type	C type	D type	E type	F type
Interchange Type Code (* I.C)	OLD (Parts) NEW → Early (Prod.) Late	OLD (Parts) NEW → Early (Prod.) Late	OLD (Parts) NEW → Early (Prod.) Late	OLD (Parts) NEW → Early (Prod.) Late	Addition (None ¡æ New)	deletion (Old ¡æ Del.)

Application	Reference ( )	Only Defected sets (O)	Whole sets ( )
Attachment	Schematic Diagram ( )	Component Lay-out (O)	Exploded View ( )
	Mechanical Diagram ( )	None ( )	Others ( )
Product Month :	October 1998	Serial No. (~ from)	

Published by S.K. Yang / A. Manager of TV Div. Service (Tel. no. : 82-331-200-5189)

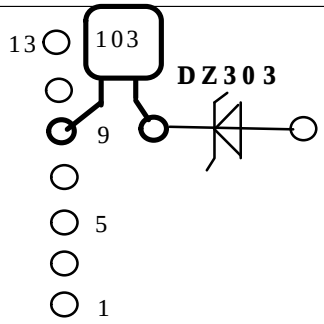
¡á Additional Information

98-CTV-E0026

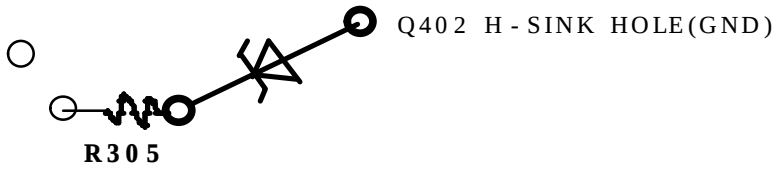
* How to put the parts soldering at Bottom PCB

o Soldering 'C-Poly 100V 103' between DZ303 - part and Vertical IC pin #7

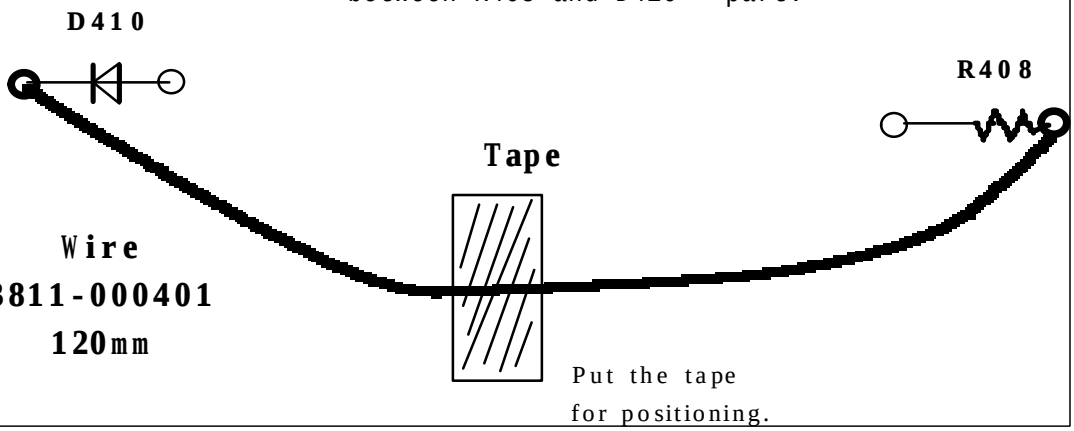
(On the bottom PCB, IC pin no. is printed #9)



o Soldering 'C-Poly 100V 103' between R305 & GND.



o Soldering 'C-Poly 100V 103' between R408 and D410 - part.



¡á Distribution List and Remarks

98-CTV-E0026

No.	Subsidiary Distributor	Country	Applicable Models or Remark
1	HACO	Iran	
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	CTV	Bulletin No. :	99-CTV-E0002
Model :	CS-2951N (SCT57A Chassis)	Bulletin Date :	21 .Jan. 1999
Buyer :	SEHK, CCS	ECN Date :	20 .Jan. 1999

SUBJECT : SCT57A, Dynamic Regulation

Background :

(Symptom) Image screen distortion phenomenon on the bright screen

Cause :

ABL characteristics (Set to high contrast)

Solution :

Reducing the range of ABL Swing.

Application Date : Jan . 21 , 1999

(Interchangeability Code : * I.C)

Location No.	OLD (before) Parts		NEW (changed) Parts		* I.C
	SEC Code	Description	SEC Code	Description	
R240	2001-000004	R-C; 1/8W 200K	Delete	Delete	F
R416	-	-	2001-001150	R-C; 1/2W 470K	E
R416	-	-	2202-000796	C-C; 102	
R417	2004-001967	R-C; 1/2W 68K	2004-1373	R-C; 1/2W 100K	
R418	2004-001967	R-C; 1/2W 68K	2004-1373	R-C; 1/2W 100K	
C226	2401-000668	C-E; 16V 68uF	2401-000426	C-E; 16V 10uF	
C232	2202-002037	C-C; 104	2202-000796	C-C; 102	
D408	-	-	2001-000004	R-C; 1/2W 3K	

Type	A type	B type	C type	D type	E type	F type
Interchange Type Code (* I.C)	OLD (Parts) NEW → Early (Prod.) Late	OLD (Parts) NEW → Early (Prod.) Late	OLD (Parts) NEW → Early (Prod.) Late	OLD (Parts) NEW → Early (Prod.) Late	Addition (None ¡æ New)	deletion (Old ¡æ Del.)

Application Reference ( ) Only Defected sets (O) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None (0) Others ( )

Product Month : Jan . 21 , 1999 | Serial No. (~ from)

Published by H. C. Kim / A. Manager of TV Div. Service (Tel. no. : 82-331-200-5332)

¡á Distribution List and Remarks

* 99-CTV-E0002

No.	Subsidiary Distributor	Country	Applicable Models or Remark
1	SEHK	HONGKONG	
2	CCS	CHINA	CS-2951N
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	CTV	Bulletin No. :	99-CTV-E0007
Model :	SCT57B (Only 22" Q Model)	Bulletin Date :	Mar . 22, 1999
Buyer :	SAVINA,SIEL,SSA,SMSC,SUSC etc.	ECN Date :	Mar . 22, 1999

SUBJECT : SCT57B, Countermeasurement for D1887 Defects of 22" Q Model

Background :

(Symptom) Since D1887 Defects of 22" Q Model was repaired, it is occured again approximate 2~3 months after.

Cause :

It is necessary to replace the Horizontal Output TR simultaneously in addition.

Solution :

T401 has been modified the circuit as belows.

Application Date : Mar . 20 , 1999

(Interchangeability Code : * I.C)

Location No.	OLD (before) Parts		NEW (changed) Parts		* I.C
	SEC Code	Description	SEC Code	Description	
T401	AA26-50001B	7.3mH, 105uH	AA26-50001R	60mH, 520uH	D

Type	A type	B type	C type	D type	E type	F type
Interchange Type Code (* I.C)	OLD (Parts) NEW → Early (Prod.) Late	OLD (Parts) NEW → Early (Prod.) Late	OLD (Parts) NEW → Early (Prod.) Late	OLD (Parts) NEW → Early (Prod.) Late	Addition (None ¡æ New)	deletion (Old ¡æ Del.)

Application Reference ( ) Only Defected sets (O) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None (0) Others ( )

Product Month : Mar . 22 , 1999 Serial No. (~ from)

Published by H. C. Kim / A. Manager of TV Div. Service (Tel. no. : 82-331-200-5332)

¡á Distribution List and Remarks

No.	Subsidiary Distributor	Country	Applicable Models or Remark
1	GCS	UAE	
2	SGE	UAE	
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	TV	**Bulletin No. :**	99-CTV-E0021
Model :	KCT57A	**Bulletin Date :**	Sep . 21, 1999
Buyer :	SEA,SECA,SAMEX,LCS	**ECN Date :**	Sep . 21, 1999

SUBJECT : KCT57A , Countermeasure for Vertical IC 'TDA8350Q' Defect

Background :

(Symptom) It is occurred defect of vertical IC ' TDA8350Q ' in field.

Cause :

- Vertical IC's Pump-up voltage is higher than Spec (60V).
- Surge flow in DY-V1 terminal.

Solution :

Please, refer to attached Schematic Diagram.

Application Date : 1999

(Interchangeability Code : * **I.C**)

Location No.	**OLD** (before) Parts		**NEW** (changed) Parts		* **I.C**
	SEC Code	Description	SEC Code	Description	

Type	**A** type	**B** type	**C** type	**D** type	**E** type	**F** type
Interchange Type Code (* I.C)	OLD (Parts) → Early (Prod.), NEW → Late	OLD (Parts) → Early (Prod.), NEW → Late	OLD (Parts) → Early (Prod.), NEW → Late	OLD (Parts) → Early (Prod.), NEW → Late	Addition (None ¡æ New)	deletion (Old ¡æ Del.)

Application Reference ( ) Only Defected sets (O) Whole sets ( )

Attachment Schematic Diagram (O) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None ( ) Others ( )

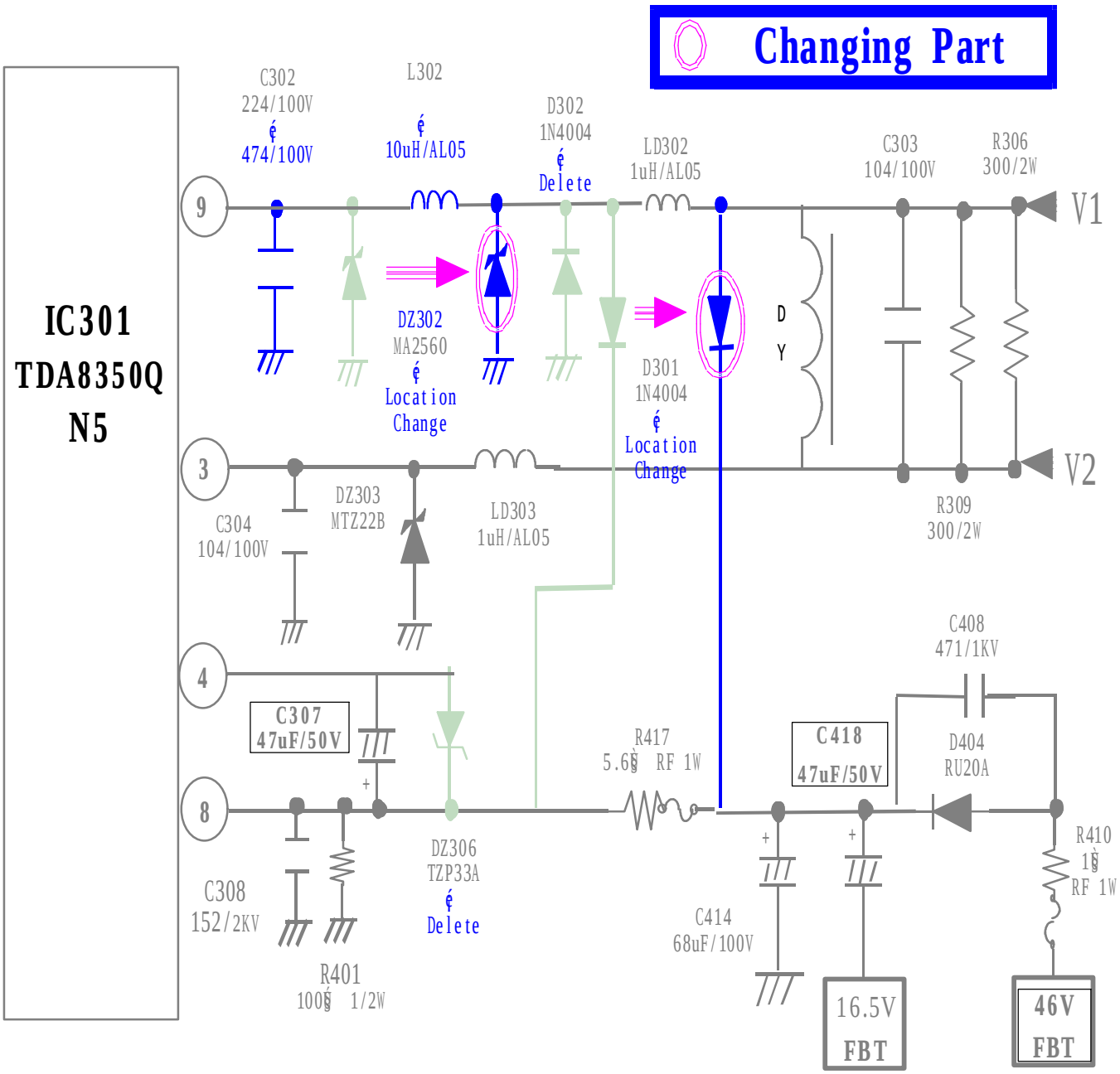
Product Month : Sep . 20, 1999 **Serial No.** (~ from)

Published by H. C. Kim / A. Manager of TV Div. Service (Tel. no. : 82-331-200-5170)

¡á Additional Information

99-CTV-E0021

* How to put the parts soldering at Bottom PCB



¡á Distribution List and Remarks

No.	Subsidiary Distributor	Country	Applicable Models or Remark
1	SEA	USA	
2	SECA	Canada	
3	SEMEX	Mexico	**KCT57A Chassis Model Only**
4	SEM	Mexico	
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			